

METHOD AND APPARATUS TO PROVIDE EFFICIENT PAGING FOR A NETWORK INITIATED DATA SESSION

ABSTRACT OF THE DISCLOSURE

A method is disclosed to operate a wireless network (20) with a MS (100) and includes, in response to detecting that the MS has changed its location in the wireless network, registering the MS with a BS (45) to indicate the current location of the MS and, in response to the MS registering with the BS, triggering the sending of messages in the wireless network until information that is indicative of the current location of the MS is recorded by an AAA server (80). The AAA server can be subsequently queried to obtain the current location of the MS, such as when a network initiated data session (NIDS) for the MS is initiated. Also disclosed is a method to page a MS by, in response to the initiation of a NIDS for the MS, querying a home AAA server for a current BS/PCF/PDSN affiliation of the MS and sending a page message to the MS in accordance with the current BS/PCF/PDSN affiliation of the MS.